CLAIMS

1	1.	A device to absorb a force directed at an upright leg of a
2		storage rack, comprising:
3		a plurality of surfaces supported adjacent said upright leg;
4		a fixed surface located a predetermined from said upright leg
5		resilient means movably supported intermediate said plurality
6		of surfaces; and
7		said fixed surface to permit said plurality of surfaces
8		limited movement toward and away from said upright leg;
9		whereby a force that is directed at said upright part is at
10		least partially intercepted by said surfaces and at least
11		partially absorbed by said resilient means.

A device to absorb a force directed at an upright part of a 1 structure, comprising: 2 a plurality of surfaces supported adjacent said upright part; 3 a fixed surface located a predetermined distance from said 4 upright part; and 5 resilient means supported intermediate said plurality of 6 surfaces and said fixed surface to permit said plurality 7 of surfaces movement relative to said upright part; 8 whereby a force that is directed at said upright part is at 9 partially intercepted by said surfaces and at least partially 10 absorbed by said resilient means. 11

- A device to absorb a force directed at an upright part of a
 structure as described by claim 1 wherein said upright part is
 an upright support leq of a storage rack.
- 4. A device to absorb a force directed at an upright part of a structure as described by claim 2 wherein said plurality of surfaces includes two, one located on each side of said upright part.
- A device to absorb a force directed at an upright part of a
 structure as described by claim 2 wherein said resilient means
 includes at least two coil springs.
- 1 6. A device to absorb a force directed at an upright part of a
 2 structure as described by claim 2 wherein said plurality of
 3 surfaces each includes openings for attaching said device to
 4 said upright part.
- 7. A force protector device to at least partially deflect and at least partially absorb a force directed at an upright support leg of a warehouse pallet rack structure, comprising:

4 two surfaces located in a spaced apart position to fit 5 adjacent said upright leg, one surface on each side; a fixed surface located a predetermined distance from said 6 7 upright leg welded at opposite ends to each of said two 8 surfaces; and resilient spring means supported intermediate said fixed 9 10 surface and said upright support leg to permit said of 11 movement of said protector device relative to said upright leg to absorb at least part of said force; 12 13 whereby a force that is directed at said upright part is 14 intercepted by said surfaces and at least partially absorbed 15 by said resilient means.

- 1 8. A force protector device to at least partially deflect and at
 2 least partially absorb a force directed at an upright support
 3 leg of a warehouse pallet rack structure as described by claim
 4 7 wherein said surface on each side of said upright support
 5 leg includes an opening for attaching said device to a pallet
 6 rack structure.
- 9. A force protector device to at least partially deflect and at
 least partially absorb a force directed at an upright support
 leg of a warehouse pallet rack structure as described by claim

- 7 wherein said surface on each side of said support leg has a
 bend toward each other terminating together a predetermined
 distance from said fixed surface.
- 1 10. A force protector device to at least partially deflect and at
 2 least partially absorb a force directed at an upright support
 3 leg of a warehouse pallet rack structure as described by claim
 4 9 wherein said bend that terminates together includes a panel
 5 fitted within said predetermined distance.
- A force protector device to at least partially deflect and at 1 2 least partially absorb a force directed at an upright support 3 leg of a warehouse pallet rack structure as described by claim 7 wherein said surface on each side of said upright support 4 leg includes an opening for attaching said device to a pallet 5 rack structure; said surface on each side has a bend toward 6 7 each other terminating together; and a panel fitted between the bend together of said two surfaces and said fixed surface. .8